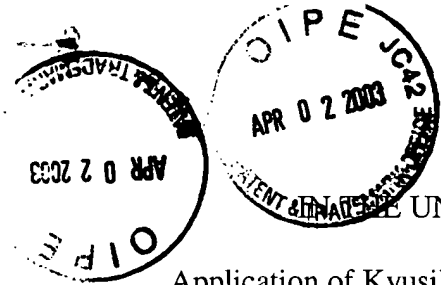


1773



UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Kyusik Sin et al.

Ser. No: 09/828,635

Filing Date: April 5, 2001

Examiner: K. Bernatz

Atty. Docket No: RR-1681

GAU: 1773

For: SPIN VALVE SENSORS HAVING SYNTHETIC ANTIFERROMAGNET FOR
LONGITUDINAL BIAS

March 26, 2003

Box No Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

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Remarks

Response to Examiner's Comments

1. The Offices Action states:

The examiner has interpreted the transitional phrase "adjoining" as open language given the disclosure in the dependent claims regarding adding additional nonmagnetic and ferromagnetic being added to the sensor structure.

Applicants do not know what is meant by the phrase "open language," and thus are unsure how to respond. If the Examiner means that he is ignoring the term in the claims, this is incorrect, as every claim term must be considered. Further, applicants do not know what is meant by the statement "given the disclosure in the dependent claims regarding adding additional nonmagnetic and ferromagnetic being added to the sensor structure," and thus are further unsure how to respond. The Examiner has not pointed to any such disclosure in any of the dependent claims, and after review of the claims applicants do not understand the Examiner's assertion.

2. The Offices Action states:

The examiner has interpreted the antiferromagnetic layer as being required to be located on the exterior of the layered structure (see applicants' Figures), since the insertion of an antiferromagnetic layer